| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|------|--|---|---------------------|---------|------------------|
| S1 | 4 | 10/419913 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 19:14 |
| S2 | 2 | "6609892" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 19:14 |
| S3 | 3 | "6609882" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2007/03/23 19:14 |
| S4 | 6 | "6603882" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2007/03/23 19:14 |
| S5 | 5 | ("5063603" "5848189" "6272247" "6301387").PN. OR ("6603882").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:20 |
| S6 | 1616 | 382/218 | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/03/23 19:20 |
| S7 | 268 | S6 and interpolat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:21 |
| S8 | 124 | S7 and weight\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:21 |
| S 9 | 94 | S8 and match | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:21 |
| S10 | 101 | S8 and match\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:21 |
| S11 | 124 | S8 S10 and pixel\$4 | US-PGPUB; USPAT; USOCR | OR . | ON. | 2007/03/23 19:21 |

| S12 | 92 | S10 and pixel\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/27 16:42 |
|------|------|-------------------------------------|------------------------------|------|-----|------------------|
| S13 | 75 | S12 and linear | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:22 |
| 514 | 70 | S13 and position | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:22 |
| S15 | 73 | S13 and (position\$4 or locat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:22 |
| S16 | 72 | S15 and (templat\$4 or referenc\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:22 |
| S17 | 50 | S16 and search\$5 | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/23 19:22 |
| S18- | 15 | S17 and precision | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:23 |
| S19 | 9 | S18 and robust | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/23 19:23 |
| S20 | 10 | S18 and robust\$5 | US-PGPUB; USPAT; USOCR | OR | ON. | 2007/03/23 19:27 |
| S21 | 10 | S20 and imag\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:25 |
| S22 | 1 | 10/723397 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/27 17:59 |
| 523 | 4245 | ⁻ 707/6 ⁻ | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/27 18:00 |
| S24 | 341 | S23 and (imag\$4 with match\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/27 18:02 |
| 525 | 1620 | 382/218 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/27 18:03 |
| S26 | 797 | S25 and (imag\$4 with match\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/27 18:03 |

| | | | T | г | | · · · · · · · · · · · · · · · · · · · |
|-------------|-------|----------------------------------|---|-----|------|---------------------------------------|
| S27 | . 1 | "7164796" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:22 |
| S28 | 63121 | one near1 pixel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR- | ON | 2007/03/28 15:23 |
| S29 | | one near1 pixel6 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:23 |
| S30 | 56739 | "6" and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:23 |
| S31 | 1620 | 382/218 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 15:23 |
| S32 | 403 | S31 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:23 |
| S33 | 324 | S32 and match\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON · | 2007/03/28 15:24 |
| 534 | 127 | S33 and (precision or approx\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:24 |

| | | | | • | | |
|-----|-----|---|---|------|----|------------------|
| S35 | 38 | S34 and interpolat\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2007/03/28 15:24 |
| S36 | 26 | S35 and weight\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:26 |
| S37 | | S36 and search\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:26 |
| 538 | 14 | S37 and paramet\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:27 |
| S39 | 13 | S38 and high | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 15:27 |
| S40 | 20 | ("3069654" "3986007" "4146924" "4581762" "4618989" "4707647" "4845765" "4972359" "5033099" "5245674" "5343390" "5351310" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:24 |
| | | "5515453" "5633951" "5686973" "5694482" "5703960" "5828769" "6859548").PN. OR ("7164796"). URPN. | | | , | · |
| S41 | 12 | S40 and maxi\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:25 |
| S42 | 268 | S31 and interpolat\$4 | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/28 16:25 |
| S43 | 124 | S42 and weight\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:25 |

| S44 | 101 | S43 and match\$4 | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/03/28 16:25 |
|-----|-------|-------------------------------------|---|------|------|------------------|
| S45 | 92 | S44 and pixel\$4 | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/03/28 16:25 |
| S46 | 75 | S45 and linear | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/28 16:25 |
| S47 | 73 | S46 and (position\$4 or locat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:25 |
| S48 | 72 | S47 and (templat\$4 or referenc\$4) | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/03/28 16:25 |
| S49 | 50 | S48 and search\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:25 |
| S50 | 15 | S49 and precision | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:25 |
| S51 | 10 | S50 and robust\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:25 |
| S52 | 10 | S51 and imag\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:25 |
| S53 | 9 | S52 and maxi\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 16:27 |
| S54 | 0 | pattern with match\$% | US-PGPUB; USPAT; USOCR; EPO;-JPO; - | OR | ON | 2007/03/28 17:37 |
| | | | DERWENT; IBM_TDB | | - | |
| S55 | 66506 | pattern with match\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 17:37 |
| S56 | 6818 | S55 and ("382"/\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 17:38 |

| ر | | | , | | | |
|--------------|------|--|---|----|----|------------------|
| S57 | 5757 | S55 and ("382"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 17:38 |
| S58 | 1620 | 382/218 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 17:38 |
| S59 | 505 | S55 and S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 17:38 |
| S60 | 92 | S59 and interpol\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 17:40 |
| S61 | | 10/419913 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 17:40 |
| S62 | 8 | ("4567610" "4972499" "5982912" "6088483" "6272247" "6798925" "6944331" "7039229").PN. OR ("7110603").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:52 |
| S63 | . 0 | S62 and interpolation | US-PGPUB; - USPAT; USOCR | OR | ÓN | 2007/03/28 17:43 |
| S64 | 0 | S62 and interpola\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:43 |
| S65 | 2 | (S62 or S61)and interpola\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:43 |
| S66 | 2 | S61 and interpol\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:50 |

| S67 | 0 | S62 and interpola\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:52 |
|-------------|------|---|------------------------------|------|----|------------------|
| S68 | 16 | ("5085325" "5410637" "5495537" "5652881" "5751450" "5799105" "5828777" "6229921" "6272239" "6272247" "6282317" "6370270" "6477272" "6625308" "6757428").PN. OR ("7039229"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:54 |
| 569 | 5 | S68 and interpolat\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:53 |
| S70 | 4 | S69 and search\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:53 |
| S71 | 1098 | high near1 precision with match\$\$ | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/28 17:55 |
| S72 | 10 | S58 and S71 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 17:59 |
| S73 | 3 | S72 and interpol\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:00 |
| S74 | 4 | ("5751843" "5933523" "6005978" "6842538").PN. OR ("7082225").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:02 |
| S75 | 42 | "4567610" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:02 |
| <u>57</u> 6 | 8_ | S75 and interpol\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:02 |
| S77 | 8 | S76 and match\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:08 |
| S78 | 4 | 10/419913 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:10 |
| S79 | 5 | "6603882" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:10 |
| S80 | 5 | ("5063603" "5848189" "6272247" "6301387").PN. OR ("6603882").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:14 |

| | | | , | | | |
|-------------|------|-------------------------------------|------------------------------|------|------|------------------|
| 581 | 13 | "6463175" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:16 |
| S82 | 2 | 10/961663 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:17 |
| S83 | . 2 | "20040208374" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:19 |
| S84 | 0 | PCT/JP2004/8982 | US-PGPUB; USPAT; USOCR | OR ' | ON | 2007/03/28 18:24 |
| S85 | 24 | "5982912 " | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:24 |
| S86 | 1620 | 382/218 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:34 |
| S87 | 268 | S86 and interpolat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:34 |
| S88 | 124 | S87 and weight\$5 | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/28 18:34 |
| S89 | 101 | S88 and match\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:34 |
| S90 | 92 | S89 and pixel\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:34 |
| S91 | . 75 | S90 and linear | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:34 |
| S92 | 73 | S91 and (position\$4 or locat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:34 |
| 593 | 72 | S92 and (templat\$4 or referenc\$4) | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/03/28 18:34 |
| S94 | 50 | S93 and search\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:34 |
| S95 | 15 | S94 and precision | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:34 |

| | | | : | | | |
|-----------|-------|---|---|-------------|-----|------------------|
| S96 | 9 | S95 and robust | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:37 |
| S97 | . 9 | S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/28 18:34 |
| S98 | . 9 | S96 and search\$\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:39 |
| S99 | 1706 | one near pixel with range | US-PGPUB; USPAT; USOCR | .OR | ON | 2007/03/28 18:42 |
| \$10 0 | 22770 | precision and search\$4 and (match\$3 or combin\$3 or template or compar\$% or serach\$3) and - output | US-PGPUB; USPAT; USOCR | OR | ON. | 2007/03/28 18:45 |
| S10 1 | 4 | (fast near precision) and search\$4 and (match\$3 or combin\$3 or template or compar\$% or serach\$3) and output.clm. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:44 |
| S10 2 | . 0 | high near1 precision and (match\$4 or combin\$4 or templat\$\$) with search\$% | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:46 |
| S10 3 | 906 | high near1 precision and (match\$4 or combin\$4 or templat\$\$) with search\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:46 |
| S10 4 | 622 | S103 and imag\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:46 |
| S10 | 210 | S104 and interpola\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:46 |
| S10 6 | 149 | S105 and weight\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:46 |
| S10 7 | 73 | S106 and robust\$5 | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/28 18:47 |
| S10 8 | 73 | S107 and (parameter or coordinat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:47 |
| S10 9 | 66 | S108 and neighbor\$5 | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/28 18:49 |

| | | | Ι | | | |
|-------------|-------------|--|-------------------------------|------|------|------------------|
| S11 0 | 66 | S109 and pixel\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:59 |
| S11 1 | . 0 | 2003/0174777 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:50 |
| S11 2 | 0 | 2004/0046891 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:50 |
| S11 3 | 2 | "20040046891" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:51 |
| S11 4 | 1 | "20030174777" | US-PGPUB; USPAT; USOCR. | OR | ON | 2007/03/28 18:50 |
| S11 5 | 2 | "20040246374" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 18:51 |
| S11 6 | 8509 | pixel with weight\$4same robust\$5 and interpolat\$4 and (combin\$4 or match\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 19:00 |
| S11 7 | 22 | pixel with weight\$4 same robust\$5 and interpolat\$4 and (combin\$4 or match\$4) | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/28 19:02 |
| S11 8 | 1054 | ((high near1 precision) or (maxi\$4 near match\$4)) and search\$4 and templat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 19:03 |
| S11 9 | 1430 | ((high near1 precision) or (maxi\$4 near2 match\$4)) and search\$4 and templat\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 20:13 |
| S12 0 | 324 | S119 and "382" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 19:04 |
| S12 1 | . 82 | S120 and interpola\$\$ | US-PGPUB; USPAT; USOCR | OR | ON " | 2007/03/28 19:04 |
| S12 2 | 54 | S121 and weight\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 19:04 |
| S12 3 | 351 | ((high near1 precision) or (maxi\$4 near2 match\$4)) and search\$4 and templat\$4 with imag\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 21:11 |
| S12 4 | 100 | "5063603". | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 21:12 |

| 512 5 | 56004 | one near1 pixel | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 21:12 |
|----------|-------|--|------------------------------|----|----|------------------|
| S12 6 | 47 | S124 and S125 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 21:14 |
| S12 7 | 25 | "5848189" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 21:15 |
| 512 8 | 16 | "6272247" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 21:16 |
| S12 9 | 9 | ("5442715" "5526444" "5790702" "5835622" "6272247" "6282326" "6633655" "6640008" "6941016").PN. OR ("7142718"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/28 21:19 |